STEPS FOR EVALUATING FEYNMAN DIAGRAMS

Diagram generation	• Create the topologies • Insert fields • Apply the Feynman rules • Paint the diagrams	*FeynArts*
↓		
Algebraic simplification	• Contract indices • Calculate traces • Reduce tensor integrals • Introduce abbreviations	*FormCalc*
↓		
Numerical evaluation	• Convert *Mathematica* output to Fortran code • Supply a driver program	*FormCalc*
	• Implementation of the integrals	*LoopTools*

Thomas Hahn: Automatic Loop Calculations in the SM and MSSM with FeynArts, FormCalc, and LoopTools.
Talk given at Wolfram Research, Inc., September 2000.